

ABSTRACT OF THE DISCLOSURE

A novel process for the continuous preparation of perfluorinated organic compounds by electrochemical fluorination of the parent non-fluorinated or partially fluorinated organic compounds, in which the quantity of charge which the electrolyte can still take up is kept in the range from about 5 Ah per kg of electrolyte to about 600 Ah per kg of electrolyte during the electrochemical fluorination, can be operated continuously over a prolonged period of time without the electrode area-time yield decreasing over time and without the formation of polymeric by-products occurring.

1. The first part of the paper discusses the importance of the research and the objectives of the study. It highlights the need for a comprehensive understanding of the research topic and the role of the research in advancing knowledge in the field.